

**UTILITY PATENT APPLICATION TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42.P16442

(maximum 12 characters)

First Named Inventor: Balaji Venkateshwaran et al.Title: THERMAL TUNING OF A LASER USING DOPED SILICON ETALONExpress Mail Label No. EV320118143US

ADDRESS TO: Mail Stop: Patent Application  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

14749 U.S. PTO  
 10/606637

06/25/03

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. XX **Fee Transmittal Form (e.g., PTO/SB/17)**  
 (Submit an original and a duplicate for fee processing)
2.        Applicant Claims Small Entity Status. (37 CFR 1.27)
3. XX **Specification (Total Pages 24)**  
 (preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table,  
     or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. XX **Drawings(s) (35 USC 113) (Total Sheets 3)**
5. XX **Oath or Declaration (Total Pages 5)**
  - a. XX Newly Executed (Original or Copy)
  - b.        Copy from a Prior Application (37 CFR 1.63(d))  
 (for Continuation/Divisional with Box 18 completed)
    - i.        **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
  - c.        Unsigned.
6.        Application Data Sheet. (37 CFR 1.76)
7.        CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.        Nucleotide and/or Amino Acid Sequence Submission  
 (if applicable, all necessary)
  - a.        Computer Readable Form (CRF)
  - b.        Specification Sequence Listing on:
    - i.        CD-ROM or CD-R (2 copies); or
    - ii.        paper
  - c.        Statement verifying identity of above copies

9.	<u>XX</u>	<b>Assignment Papers (cover sheet &amp; documents(s))</b>
10.	_____	a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
	<u>XX</u>	<b>b. Power of Attorney</b>
11.	_____	English Translation Document (if applicable)
12.	_____	a. Information Disclosure Statement (IDS)/PTO-1449
	_____	b. Copies of IDS Citations
13.	_____	Preliminary Amendment
14.	<u>XX</u>	<b>Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</b>
15.	_____	Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.	_____	Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). <u>Applicant must attach form PTO/SB/35 or its equivalent.</u>
17A.	<u>XX</u>	<b>Other: <u>Certificate of mailing with copy of postcard signed by attorney</u></b>

**18A. If a CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet Under 37 C.F.R. 1.76:

**18B. Statement under 37 CFR 3.73(b) for continuing application:**

19. Correspondence Address  
Customer Number or Bar Code Label  
 or (Insert Customer No. or Attach Bar Code Label here)

**X Correspondence Address Below**

**NAME** Jan Carol Little

**BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP**

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**Name (PRINT/TYPE):** Jan Carol Little

**Registration No.: 41.181**

**Signature:**

Date: 6/25/03

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL**  
**for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 928.00)**Complete if Known**

Application Number	New Patent Application
Filing Date	Concurrently herewith
First Named Inventor	Balaji Venkateshwaran et al.
Examiner Name	Not Yet Assigned
Art Unit	Not Yet Assigned
Attorney Docket No.	42.P16442

**METHOD OF PAYMENT** (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number  
Deposit Account Name

02-2666

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	750
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>					<b>(\$ 750)</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims 23 -20\*\* = 3 x 18 = 54

Independent Claims 4 -3\*\* = 1 x 84 = 84

Multiple Dependent            =           

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>					<b>(\$ 138)</b>

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify) _____					
*Reduced by Basic Filing Fee Paid					
<b>SUBTOTAL (3)</b>					<b>(\$ 40)</b>

**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Jan Carol Little	Registration No. (Attorney/Agent)	41,181	Telephone	206-292-8600
Signature	<i>Jan Carol Little</i>	Date	6/25/03		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Our Reference: 42.P16442

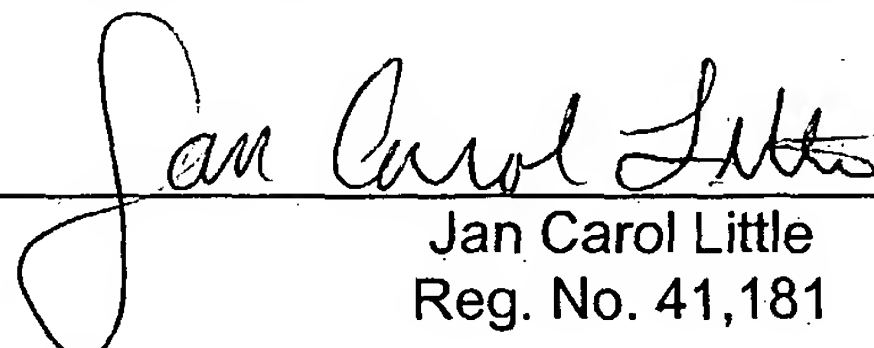
Patent

THERMAL TUNING OF A LASER USING DOPED SILICON ETALON

Inventors: Balaji Venkateshwaran, Mark McDonald

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

  
Jan Carol Little  
Reg. No. 41,181

"Express Mail" mailing label number: EV320118143US

Date of Deposit: June 25, 2003

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Luci M. Arevalo

(Typed or printed name of person mailing paper or fee)

Luci M. Arevalo June 25, 2003  
(Signature of person mailing paper or fee) (Date signed)

Serial/Patent No.: New Patent Application Filing/Issue Date: Herewith

Client: Intel Corporation

Title: THERMAL TUNING OF A LASER USING DOPED SILICON ETALON

BSTZ File No.: 42.P16442

Date Mailed: June 25, 2003

Atty/Secty Initials: JCL/lma

Docket Due Date: \*\*\*\*\*

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- ☐ Amendment/Response (\_\_\_\_ pgs.)
- ☐ Appeal Brief (\_\_\_\_ pgs.) (in triplicate)
- ☒ Application - Utility (24 pgs., with cover and abstract)
- ☐ Application - Rule 1.53(b) Continuation (\_\_\_\_ pgs.)
- ☐ Application - Rule 1.53(b) Divisional (\_\_\_\_ pgs.)
- ☐ Application - Rule 1.53(b) CIP (\_\_\_\_ pgs.)
- ☐ Application - Rule 1.53(d) CPA Transmittal (\_\_\_\_ pgs.)
- ☐ Application - Design (\_\_\_\_ pgs.)
- ☐ Application - PCT (\_\_\_\_ pgs.)
- ☐ Application - Provisional (\_\_\_\_ pgs.)
- ☒ Assignment and Cover Sheet
- ☒ Certificate of Mailing
- ☒ Declaration & POA (5 pgs.)
- ☐ Disclosure Docs & Orig & Copy of Inventor's Signed Letter (\_\_\_\_ pgs.)
- ☒ Drawings: 3 # of sheets includes 4 figures

- ☒ Express Mail No.: EV320118143US ☒ Check No. 2967
- ☐ \_\_\_\_\_ Month(s) Extension of Time Amt: \$928.00
- ☐ Information Disclosure Statement & PTO-1449 (\_\_\_\_ pgs.) ☐ Check No. \_\_\_\_\_
- ☐ Issue Fee Transmittal Amt: \_\_\_\_\_
- ☐ Notice of Appeal
- ☐ Petition for Extension of Time
- ☐ Petition for \_\_\_\_\_
- ☒ Postcard
- ☐ Power of Attorney (\_\_\_\_ pgs.)
- ☐ Preliminary Amendment (\_\_\_\_ pgs.)
- ☐ Reply Brief (\_\_\_\_ pgs.)
- ☐ Response to Notice of Missing Parts
- ☐ Small Entity Declaration for Indep. Inventor/Small Business
- ☒ Transmittal Letter, in duplicate
- ☒ Fee Transmittal, in duplicate

☒ Other: Certificate of mailing with copy of return postcard signed by attorney.